

INFORMATION REPORT INFORMATION REPORT

CENTRAL INTELLIGENCE AGENCY

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COUNTRY	East Germany	REPORT	[REDACTED]	25X1
SUBJECT	Jamming Installations	DATE DISTR.	21 February 1955	
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SOURCE EVALUATIONS ARE DEFINITIVE. APPRAISAL OF CONTENT IS TENTATIVE.

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1. The mobile SM-5 jamming transmitter consists of three two-axle vehicles (a truck with the power supply (Netzwagen), one with high frequency equipment, and a combined living quarters and workshop vehicle) and one one-axle trailer for the antenna tuning (Antennenabstimmung). The vehicles, minus the equipment, are manufactured by VEB Waggonbau Werdau. The transmitter operates according to the old Kollwitschen(sic) three-point switching system. It is usually connected by telephone or other cable to the nearest broadcasting studio and relays the programs of this studio on the frequency of the transmitter to be jammed. The technicians have been given orders to monitor the jammed transmitter. If there is little chance of tying in with a broadcast station, then the emission of a jamming tone produced by a mechanical device is substituted. The current consumption is between 60 - 65 kw with a power supply of 220-380 volts. The efficiency rate is very low. The radio stations supply telescopic transmitter towers (Teleskop-Sendeturme) for these transmitters; they can be extended from 12 to 15 meters in length. A maximum range of transmission is between 35 and 40 kilometers mostly achieved only from elevated terrain.
2. In the former Parteihochhaus in Leipzig television and UKW (USW) transmitters have been added to the 2 kw jamming transmitter.
3. In the radio station at Leipzig-Wiederau are the following transmitters:
 - a. One 150 kw medium wave transmitter, with a steel tube mast (Stahlrohrmast) 240 meters high. It is an old Lorenz transmitter which was rebuilt and modified by RFT Funkwerk Koepenick.
 - b. One 20-kw medium wave transmitter, for a reserve.
 - c. Two short wave transmitters.
 - d. One medium wave transmitter [REDACTED] which operates on the Moscow wavelength in conjunction with the Soviet ball relay net at Beelitz.
 - e. One 2-kw jammer for medium wavelengths.

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STATE	X	ARMY	X	NAVY	X	AIR	X	FBI		AEC		ORR	Ev	X	OSI	Ev	X
(Note: Washington distribution indicated by "X"; Field distribution by "#")																	

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f. One 5 kw jammer for medium wavelengths.

4. The head of the Leipzig radio station is former Master Machinist Paul Wolf, [redacted] The technical head is Radio Engineer (Funk-Ing) Henke (fnu). [redacted]

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[redacted] Both Wolf and Henke live in houses on the site of the Wiederau transmitter.

5. Walter Heine has replaced Kurt Pfeil as the technical head of VEB Funkwerk Koepenick. Pfeil has been transferred to another plant in the East Berlin area [redacted]

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6. Besides the jamming transmitters, 600 cut-off modulation studio and transformer-coupled amplifiers (Trenn-Modulations-Studio-Uebertragungsverstaeker) are supplied yearly to the State Broadcast Committee (Staatliche Rundfunkkomitee), the Central Institute for Radio Engineering (Zentralinstitut fuer Funktechnik - ZIF), Adlershof, and the various radio stations.

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